SQLPlotter: Web – Interface for Physics Analysis Database

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"The physics is theoretical, but the fun is real."
Particle Physics is fun: show how analyzing LHC data results in finding exotic particles

But also: live demonstration of how SQL can be used to perform complex analysis
Data analysis in practice: existing

LHC Physics Analysis is done with ROOT
- Dedicated C++ framework developed by the High Energy Physics community, http://root.cern.ch
- Provides tools for plotting/fitting/statistic analysis etc.

Analysis is typically I/O intensive and runs on many files

SQLPlotter: Can we replace the ntuple analysis with a model where data is analysed inside a centrally accessible Oracle database?
My project: the web-interface

No need of files!

Bash Scripts

No need to setup/learn ROOT!

Behave.js
Login Form

Fill out the form below to log in to my super awesome SQLPlotter.

user01

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Register  Login
Two-Dimensional Plot
Thank You!